

**INDIAN RIVER COUNTY, FLORIDA  
BOARD MEMORANDUM**

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**TO:** Jason E. Brown, County Administrator

**THROUGH:** Richard B. Szpyrka, P.E., Public Works Director

**FROM:** Eric Charest, Natural Resources Manager

**SUBJECT:** **Sector 3 Beach and Dune Nourishment Project (IRC1925)  
APTIM, Work Order No. 2018006-7, Pre-Construction Services**

**DATE:** April 29, 2020

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**BACKGROUND AND DESCRIPTION**

On January 9, 2018, the Board of County Commissioners (BCC) approved a contract with Aptim Environmental & Infrastructure, Inc. (APTIM) for professional coastal engineering and biological support services related to the management and nourishment of the Sector 3 (Wabasso Beach) Beach and Dune Nourishment Project. The Sector 3 project area is a critically eroded 6.6-mile section of shoreline that extends from the Seaview Subdivision south to the Turtle Trail beach park. The Sector 3 project area sustained damage from Hurricane Matthew (2016), Irma (2017), and Dorian (2019) creating the need for repair.

The proposed Work Order No. 2018006-7 includes six (6) separate tasks pertaining to the pre-construction services of the Sector 3 Beach and Dune Nourishment Project. Task 1 covers continued coordination with permitting agencies for \$3,711.00. Task 2 covers bid development, solicitation, and awarding for \$12,928.00. Task 3 covers pre-construction submittals for \$4,851.00. Task 4 covers pre-construction meetings for \$8,097.00. Task 5 covers pre-construction design updates for \$7,516.00. Task 6 covers coordination with the Sector 7 beach and dune restoration project for \$4,530.00. Work Order No. 2018006-7 is for a lump sum amount of \$41,633.00.

**FUNDING**

Local funding of Beach Restoration includes a portion of Local Option Tourist Tax Revenue. Funding for the pre-construction monitoring in the amount of \$41,633.00 is budgeted and available for the Sector 3 Beach Nourishment Project in the Beach Restoration Fund/Sector 3 Beach Renourishment/Hurricane Matthew, Account No. 12814472-066514-17001.

**RECOMMENDATION**

Staff recommends the BCC authorize Work Order No. 2018006-7 in the total lump sum amount of \$41,633.00. Additionally, staff recommends the BCC authorize the Chairman to execute Work Order No. 2018006-7.

**ATTACHEMENT**

APTIM Work Order No. 2018006-7  
APTIM Scope, Work Order No. 2018006-7

**APPROVED AGENDA ITEM FOR: May 12, 2020**